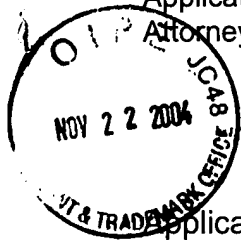


IPW

Application No. 10/807,627
Attorney Docket No. 4491-045638



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/807,627 Confirmation No. 4050
Applicant : David E. Schweikert et al.
Filed : March 24, 2004
Title : SMART RESOLUTION VALVE PRESSURE CONTROL
Group Art Unit : 2855
Examiner : Not Yet Assigned
Customer No. : 28289

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE
OF ENTIRE INTEREST (REVOCATION OF PRIOR POWERS)

Sir:

As assignee of record of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and I hereby appoint the practitioners associated with **Customer Number 28289** to transact all business in the United States Patent and Trademark Office connected therewith.

Customer Number 28289 is the Customer Number for the law firm of Webb Ziesenheim Logsdon Orkin and Hanson, P.C. whose address is 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1818, Telephone No. 412-471-8815.

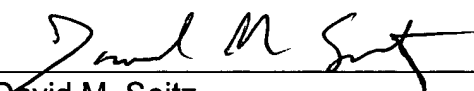
**All correspondence and telephone calls should be addressed to
Customer Number 28289.**

This application is a division of parent Application No. 10/338,513, filed January 8, 2003. Ownership is established by an Assignment from the inventors of the parent patent application to Westinghouse Air Brake Technologies Corporation, which was recorded in the United States Patent and Trademark Office in parent Application No. 10/338,513 on January 8, 2003, at Reel 013652/Frame 0840.

Attached to this Power is a Certificate Under 37 C.F.R. 3.73(b).

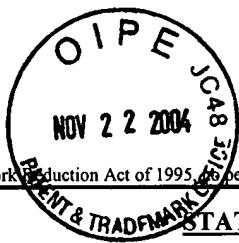
I, David M. Seitz, whose signature appears below, aver that as Assistant Secretary of Westinghouse Air Brake Technologies Corporation, I am empowered to sign this statement on behalf of the Assignee.

WESTINGHOUSE AIR BRAKE TECHNOLOGIES
CORPORATION

By: 
David M. Seitz
Assistant Secretary

Date: 11/11/04

Assignee of Entire Interest



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: David E. Schweikert et al.Application No.: 10/807,627, which is a div. of Appln. No. 10/338,513 filed 1/8/03 Filed: March 24, 2004Entitled: Smart Resolution Valve Pressure ControlWestinghouse Air Brake Technologies Corporation, a Delaware corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title, and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of parent Application No. 10/338,513 filed 1/8/03. The assignment was recorded in the United States Patent and Trademark Office at Reel 013652, Frame 0840, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

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☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11/16/04
Date412 825-1142
Telephone numberDavid M. Seitz

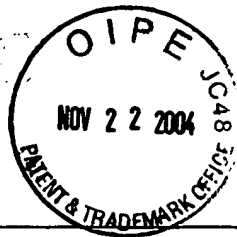
Typed or printed name

[Signature]
SignatureAssistant Secretary

Title



UNITED STATES
PATENT AND
TRADEMARK OFFICE

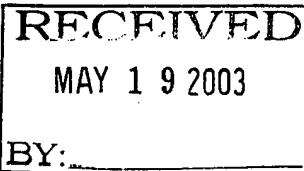


MAY 15, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
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Washington, DC 20231
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JAMES RAY & ASSOCIATES
JAMES O. RAY, JR.
2640 PITCAIRN ROAD
MONROEVILLE, PA 15146



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 01/08/2003

REEL/FRAME: 013652/0840
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SCHWEIKERT, DAVID E.

DOC DATE: 01/01/2003

ASSIGNOR:
WOOD, JAMES A.

DOC DATE: 01/02/2003

ASSIGNEE:
WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION
1001 AIR BRAKE AVENUE
WILMERDING, PENNSYLVANIA 15148-0001

SERIAL NUMBER: 10338513
PATENT NUMBER:

FILING DATE: 01/08/2003
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



01-16-2003

ATTORNEY DOCKET WAB 00126

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(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

RECORDED

102339913

PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

DAVID E. SCHWEIKERT

JAMES A. WOOD

01/08/03

Additional name(s) & address(es) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: WESTINGHOUSE AIR BRAKE
TECHNOLOGIES CORPORATION

Internal Address:

Street Address: 1001 AIR BRAKE AVENUECity: WILMERDING State: PA ZIP: 15148-0001Additional name(s) & address(es) attached? ☐ Yes ☒ Nojc857 U.S. PTO
10/338513
01/08/03

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: 01-01-03 & 01-02-03

4. Application number(s) or patent number(s)

If this document is being filed together with a new application, the execution date of the application is: 01-01-03 & 01-02-03

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed.

Name of Agent: James O. Ray, Jr.Name: JAMES RAY & ASSOCIATES

Internal Address:

Street Address: 2640 PITCAIRN ROADCity: MONROEVILLE State: PA ZIP: 15146

01/15/2003 LMUELLER 00000122 10338513

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

James O. Ray, Jr.
NAME OF PERSON SIGNING

SIGNATURE

January 8, 2003
DATETotal number of pages including cover sheet, attachments, and document: 2Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) David E. Schweikert and James A. Wood (hereinafter ASSIGNORS) by

WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

SMART RESOLUTION VALVE PRESSURE CONTROL

for which application for Letters Patent of the United States was executed on even date herewith, and all Letters Patent of the United States and corresponding Foreign patents to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

THE ASSIGNORS agree(s) to execute all papers necessary in connection with any interference or litigation which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereof and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).



DAVID E. SCHWEIKERT

01/01/03

DATE



JAMES A. WOOD

01/02/03

DATE